

AU 1804

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/653,114

DATE: 08/07/96
TIME: 10:38:04
#16

INPUT SET: S2729.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Falck-Pedersen, Erik S.
6
7 (ii) TITLE OF INVENTION: ADENOVIRUS GENE EXPRESSION SYSTEM
8
9 (iii) NUMBER OF SEQUENCES: 1
10
11 (iv) CORRESPONDENCE ADDRESS:
12 (A) ADDRESSEE: Alan S. Korman
13 (B) STREET: 1600 Main Place Tower
14 (C) CITY: Buffalo
15 (D) STATE: New York
16 (E) COUNTRY: U.S.A.
17 (F) ZIP: 14202
18
19 (v) COMPUTER READABLE FORM:
20 (A) MEDIUM TYPE: Floppy disk
21 (B) COMPUTER: IBM PC compatible
22 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
23 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
24
25 (vi) CURRENT APPLICATION DATA:
26 (A) APPLICATION NUMBER: US/08/653,114
27 (B) FILING DATE:
28 (C) CLASSIFICATION:
29
30 (vii) PRIOR APPLICATION DATA:
31 (A) APPLICATION NUMBER: 08/166,925
32 (B) FILING DATE: 12/14/93
33
34 (viii) ATTORNEY/AGENT INFORMATION:
35 (A) NAME: Korman, Alan S.
36 (B) REGISTRATION NUMBER: 33,932
37 (C) REFERENCE/DOCKET NUMBER: 19603/230
38
39 (ix) TELECOMMUNICATION INFORMATION:
40 (A) TELEPHONE: 716-853-8104
41 (B) TELEFAX: 716-853-8109
42
43
44 (2) INFORMATION FOR SEQ ID NO:1:
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46 (i) SEQUENCE CHARACTERISTICS:

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PATENT APPLICATION US/08/653,114DATE: 08/07/96
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47 (A) LENGTH: 6783 base pairs
48 (B) TYPE: nucleic acid
49 (C) STRANDEDNESS: double
50 (D) TOPOLOGY: linear

51 (ii) MOLECULE TYPE: cDNA (genomic)

53

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55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

56 TTCCATCATC AATAATATAC CTTATTTG ATTGAAGCCA ATATGATAAT GAGGGGGTGG 60
57 AGTTTGTGAC GTGGCGCGGG GCGTGGGAAC GGGGCGGGTG ACGTAGTAGT GTGGCGGAAG 120
58 TGTGATGTTG CAAGTGTGGC GGAACACATG TAAGCGACGG ATGTGGCAA AGTGACGTT 180
59 TTGGTGTGCG CCGGTGTACA CAGGAAGTGA CAATTTCGC GCGGTTTAG GCGGATGTTG 240
60 TAGTAAATTG GGGCGTAACC GAGTAAGATT TGGCCATTG CGCGGGAAAAA CTGAATAAGA 300
61 GGAAGTGAAA TCTGAATAAT TTTGTGTTAC TCATAGCGCG TAATATTTGT CTAGGGCCTT 360
62 GCGGCGCAA GTTGACATTG ATTATTGACT AGTTATTAAT AGTAATCAAT TACGGGTCA 420
63 TTAGTTCATA GCCCATATAT GGAGTTCCGA GTTACATAAC TTACGGTAAA TGGCCCGCCT 480
64 GGCTGACCGC CCAACGACCC CCGCCCATTG ACGTCAATAA TGACGTATGT TCCCATAGTA 540
65 ACGCGAATAG GGACTTTCCA TTGACGTCAA TGGGTGGAGT ATTTACGGTA AACTGCCAC 600
66 TTGGCAGTAC ATCAAGTGTAA TCATATGCCA AGTACGCCCT CTATTGACGT CAATGACGGT 660
67 AAATGGCCCG CCTGGCATTA TGCCCAGTAC ATGACCTTAT GGGACTTTCC TACTTGGCAG 720
68 TACATCTACG TATTAGTCAT CGCTATTACC ATGGTGTGAC GTTTGGCA GTACATCAAT 780
69 GGGCGTGGAT AGCGGTTGA CTCACGGGA TTTCCAAGTC TCCACCCCAT TGACGTCAAT 840
70 GGGAGTTGT TTTGGCACCA AAATCAACGG GACTTTCCAA AATGTCGTAACAACTCCGCC 900
71 CCATTGACGC AAAGGGTCGG TAGGCGTGTAA CGGTGGGAGG TCTATATAAG CAGAGCTCGC 960
72 CCGGGGATCC TCTAGAATTG GCTGTCTGCC AGGGCCAGCT GTTGGGGTGA GTACTCCCTC 1020
73 TCAAAAGCGG GCATGACTTC TGCCTAAAGA TTGTCAGTTT CCAAAACGA GGAGGATTG 1080
74 ATATTACACCT GGCCCGCGGT GATGCCCTTG AGGGTGGCCG CGTCCATCTG GTCAGAAAAG 1140
75 ACAATCTTT TGTTGTCAAAGCGCTTGAG GTGTGGCAGG CTTGAGATCT GGCCATACAC 1200
76 TTGAGTGACA ATGACATCCA CTTTGCCTTT CTCTCCACAG GTGTCCACTC CCAGGTCCAA 1260
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PATENT APPLICATION US/08/653,114DATE: 08/07/96
TIME: 10:38:21

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102	TCCTGCTCTT GCCTGTGAAC AATGGTTAAT TGTTCCCAAG AGAGCATCTG TCAGTTGTTG	1440
104	GCAAAATGAT AGACATTGA AAATCTGTCT TCTGACAAAT AAAAAGCATT TATGTTCACT	1500
106	GCAATGATGT TTTAAATTAT TTGTCTGTGT CATAGAAGGG TTTATGCTAA GTTTCAAGA	1560
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112	CAATGTGGCC TCCGACTGTG GTTGCTTCAT GCTAGTGAAA AGCGTGGCTG TGATTAAGCA	1740
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120	CCTACCTTAC CAATGCAATT TGAGTCACAC TAAGATATTG CTTGAGCCCG AGAGCATGTC	1980
122	CAAGGTGAAC CTGAACGGGG TGTTTGACAT GACCATGAAG ATCTGGAGG TGCTGAGGTA	2040
124	CGATGAGACC CGCACCCAGGT GCAGACCCCTG CGAGTGTGGC GGTAAACATA TTAGGAACCA	2100
126	GCCTGTGATG CTGGATGTGA CCGAGGAGCT GAGGCCGAT CACTTGGTGC TGGCCTGCAC	2160
128	CCCGCGCTGAG TTTGGCTCTA GCTATGAAGA TACAGATTGA GGTACTGAAA TGTGTGGCG	2220
130	TGGCTTAAGG GTGGGAAAGA ATATATAAGG TGGGGCTTT ATGTAGTTTT GTATCTGTTT	2280
132	TGCAGCAGCC GCCGCCGCCA TGAGCACCAA CTCGTTGAT GGAAGCATTG TGAGCTCATA	2340
134	TTTGACAACG CGCATGCCCG CATGGGCCGG GGTGCGTCAG AATGTGATGG GCTCCAGCAT	2400
136	TGATGGTCGC CCCGTCTGC CGCCTAACTC TACTACCTG ACCTACGAGA CCGTGTCTGG	2460
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140	GATTGTGACT GACTTGCTT TCCTGAGCCC GCTTGAAGC AGTGCAGCTT CCCGTTCATC	2580
142	CGCCCGCGAT GACAAGTTGA CGGCTTTT GGCACAATTG GATTCTTGA CCCGGGAACCT	2640
144	TAATGTCGTT TCTCAGCAGC TGTTGGATCT GCGCCAGCAG GTTCTGCC TGAAGGCTTC	2700
146	CTCCCCCTCCC AATGCGGTTT AAAACATAAA TAAAAAAACCA GACTCTGTTT GGATTTGGAT	2760
148	CAAGCAAGTG TCTTGCTGTC TTTATTTAGG GGTTTGCAGC GCGCGGTAGG CCCGGGACCA	2820
150	GCGGTCTCGG TCGTTGAGGG TCCTGTGTAT TTTTCCAGG ACGTGGTAAA GGTGACTCTG	2880
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153	GATGTTCAGA TACATGGCA TAAGCCGTC TCTGGGTGG AGGTAGCACC ACTGCAGAGC	2940
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157	CCTAAAAATG TCTTCAGTA GCAAGCTGAT TGCCAGGGC AGGCCCTGG TGTAAGTGT	3060
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161	TATTTTTAGG TTGGCTATGT TCCCAGCCAT ATCCCTCCGG GGATTCAATGT TGTGCAGAAC	3180
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163	CAACCAGCACA GTGTATCCGG TGCACTTGGG AAATTTGTCA TGTAGCTTAG AAGGAAATGC	3240
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165	GTGGAAGAAC TTGGAGACGC CCTTGTGACC TCCAAGATT TCCATGCATT CGTCCATAAT	3300
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167	GATGGCAATG GGCCCACGGG CGCGGCCCTG GGCGAAGATA TTTCTGGAT CACTAACGTC	3360
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169	ATAGTTGTGT TCCAGGATGA GATCGTCATA GGCCATTTC ACAAAGCGCG GGCGGAGGGT	3420
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171	GCCAGACTGC GGTATAATGG TTCCATCCGG CCCAGGGCG TAGTTACCT CACAGATTG	3480
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173	CATTTCCCAC GCTTGAGTT CAGATGGGG GATCATGTCT ACCTGCGGG CGATGAAGAA	3540
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175	AACGGTTTCC GGGTAGGGG AGATCAGCTG GGAAGAAAGC AGTTCTGA GCAGCTGCGA	3600
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177	CTTACCGCAG CGGGTGGGCC CGTAAATCAC ACCTATTACC GGGTCAACT GGTAGTTAAG	3660
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179	AGAGCTGCAG CTGCCGTCA CCCTGAGCAG GGGGCCACT TCGTTAAGCA TGTCCCTGAC	3720
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181	TCGCATGTT TCCCTGACCA AATCCGCCAG AAGGCGCTCG CCGCCAGCG ATAGCAGTTC	3780
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183	TTGCAAGGAA GCAAAGTTT TCAACGGTTT GAGACCGTCC GCCGTAGGCA TGCTTTGAG	3840
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185	CGTTTGACCA ACCAGTTCCA GGCGTCCCA CAGCTGGTC ACCTGCTCTA CGGCATCTCG	3900
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187	ATCCAGCATA TCTCCTCGTT TCGCGGGTTG GGGCGCTTT CGCTGTACGG CAGTAGTCGG	3960
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191	GTCTGGTCA CGGTGAAGGG GTGCGCTCCG GGCTGCGCG TGGCCAGGGT GCGCTTGAGG	4080
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193	CTGGTCTGC TGGTGCTGAA GCGCTGCCGG TCTTCGCCCT GCGCGTCGGC CAGGTAGCAT	4140
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199	AGAAATACCG ATTCCGGGGA GTAGGCATCC GCGCCGCAGG CCCCGCAGAC GGTCTCGCAT	4320
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201	TCCACGAGCC AGGTGAGCTC TGGCCGTTCG GGGTCAAAAA CCAGGTTCC CCCATGCTT	4380
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206	CTGTCCGTGT	CCCCGTATAC	AGACTTGAGA	GGTCGAGCGA	TGCCCTTGAG	AGCCTTCAAC	4500
207	CCAGTCAGCT	CCTTCGGGTG	GGCGCGGGGC	ATGACTATCG	TCGCCGCACT	TATGACTGTC	4560
208	TTCTTTATCA	TGCAACTCGT	AGGACAGGTG	CCGGCAGCGC	TCTGGTCAT	TTTCGGCGAG	4620
209	GACCGCTTTC	GCTGGAGCGC	GACGATGATC	GGCCTGTCGC	TTGCGGTATT	CGGAATCTTG	4680
210	CACGCCCTCG	CTCAAGCCTT	CGTCACTGGT	CCCGCCACCA	AACGTTTCGG	CGAGAAGCAG	4740
211	GCCATTATCG	CCGGCATGGC	GGCCGACGCG	CTGGGCTACG	TCTTGCTGGC	GTCGCGACG	4800
212	CGAGGCTGGA	TGGCCTTCCC	CATTATGATT	CTTCTCGCTT	CCGGCGGCAT	CGGGATGCC	4860
213	GCGTTGCAGG	CCATGCTGTC	CAGGCAGGTA	GATGACGACC	ATCAGGGACA	GCTTCAAGGA	4920
214	TCGCTCGCG	GTAAAAAGGC	CCCGTTGCTG	GCCTTTTCC	ATAGGCTCCG	CCCCCCTGAC	4980
215	GAGCATACA	AAAATCGACG	CTCAAGTCAG	AGGTGGCGAA	ACCCGACAGG	ACTATAAAGA	5040
216	TACCAGGCGT	TTCCCCCTGG	AAGCTCCCTC	GTGCGCTCTC	CTGTTCCGAG	CCTGCCGCTT	5100
217	ACCGGATACC	TGTCCGCCTT	TCTCCCTTCG	GGAAGCGTGG	CGCTTTCTCA	ATGCTCACGC	5160
218	TGTAGGTATC	TCAGTTCGGT	GTAGGTCGTT	CGCTCCAAGC	TGGGCTGTGT	GCACGAACCC	5220
219	CCCGTTCAGC	CCGACCGCTG	CGCCTTATCC	GGTAACATATC	GTCTTGAGTC	CAACCCGGTA	5280
220	AGACACGACT	TATGCCACT	GGCAGCAGCC	ACTGGTAACA	GGATTAGCAG	AGCGAGGTAT	5340
221	GTAGGCGGTG	CTACAGAGTT	CTTGAAGTGG	TGGCCTAACT	ACGGCTACAC	TAGAAGGACA	5400
222	GTATTTGGTA	TCTGCGCTCT	GCTGAAGCCA	GTTACCTTCG	AAAAAAGAGT	TGGTAGCTCT	5460
223	TGATCCGGCA	AACAAACCAC	CGCTGGTAGC	GGTGGTTTT	TTGTTGCAA	GCAGCAGATT	5520
224	ACCGCGAGAA	AAAAAGGATC	TCAAGAAGAT	CCTTGATCT	TTTCTACGGG	GTCTGACGCT	5580
225	CAGTGGAACG	AAAACTCACG	TTAAGGGATT	TTGGTCATGA	GATTATCAA	AAGGATCTTC	5640
226	ACCTAGATCC	TTTAAATTA	AAAATGAAGT	TTTAAATCAA	TCTAAAGTAT	ATATGAGTAA	5700
227	ACTTGGTCTG	ACAGTTACCA	ATGCTTAATC	AGTGAGGCAC	CTATCTCAGC	GATCTGTCTA	5760
228	TTTCGTTCAT	CCATAGTTGC	CTGACTCCCC	GTCTGTAGA	TAACTACGAT	ACGGGAGGGC	5820
229	TTACCATCTG	GCCCGAGTGC	TGCAATGATA	CCGCGAGACC	CACGCTCACC	GGCTCCAGAT	5880
230	TTATCAGCAA	TAAACCAGCC	AGCCGGAAGG	GCCGAGCGCA	GAAGTGGTCC	TGCAACTTTA	5940
231	TCCGCCCTCCA	TCCAGTCTAT	TAATTGTTGC	CGGGAAAGCTA	GAGTAAGTAG	TTCGCCAGTT	6000
232	AATAGTTGC	GCAACGTTGT	TGCCATTGCT	GCAGGCATCG	TGGTGTCAAG	CTCGTCGTT	6060

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SEQUENCE VERIFICATION REPORT
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